

Figure 1: Prior art

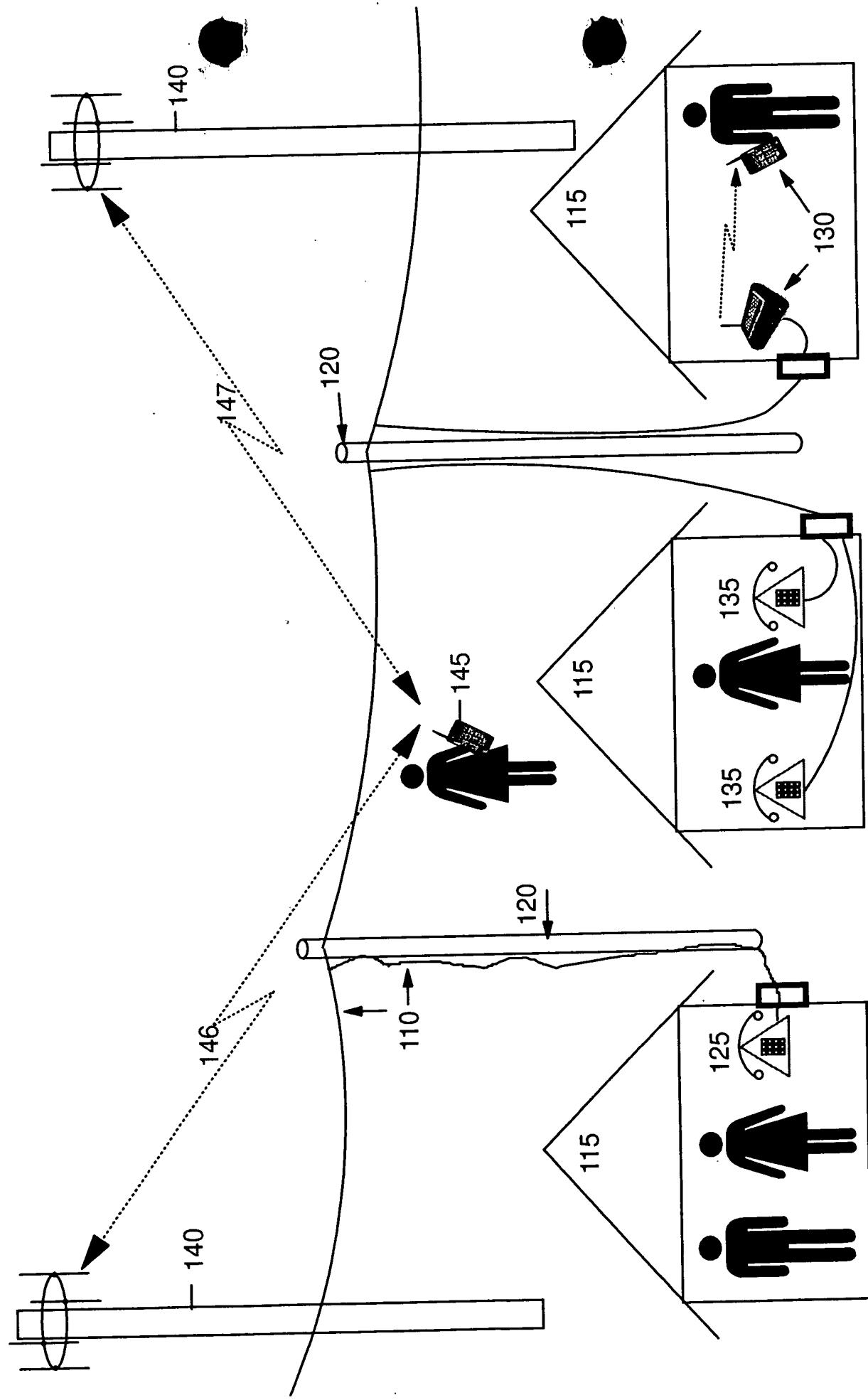


Figure 2: Inventive System with Wireless Network Node box

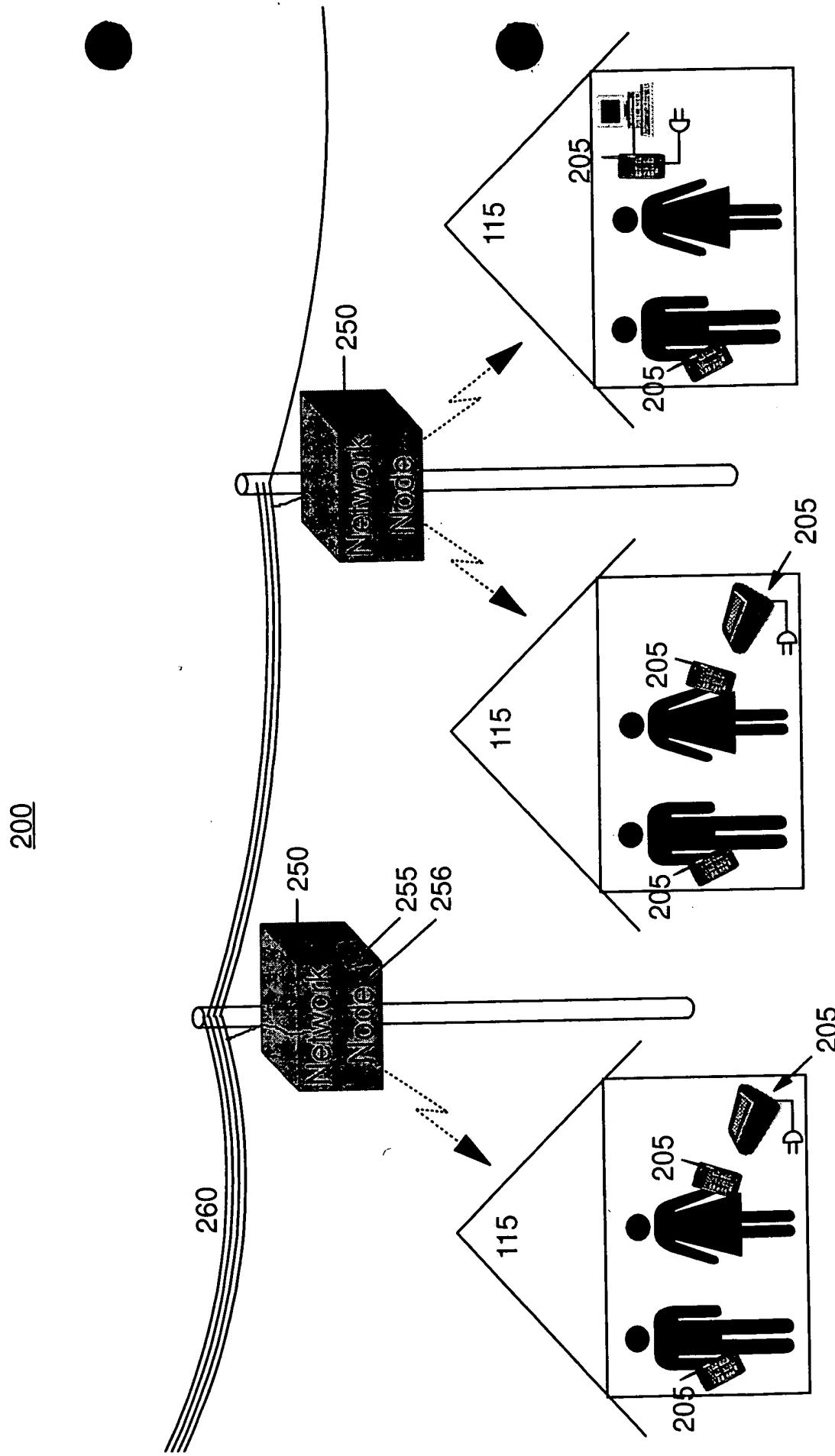


Figure 3 - Network Node Controller

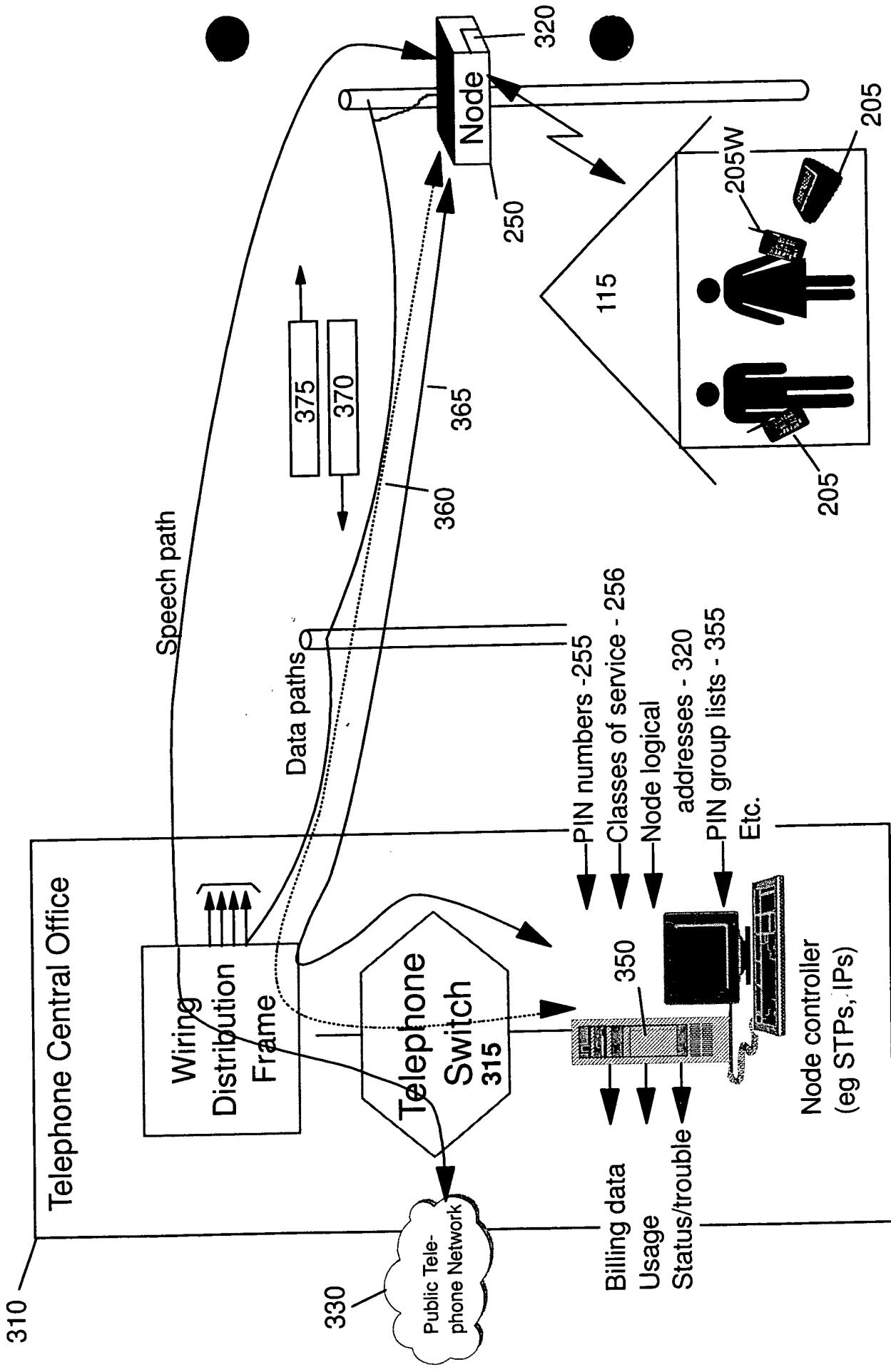


Figure 4. Telephone network node device

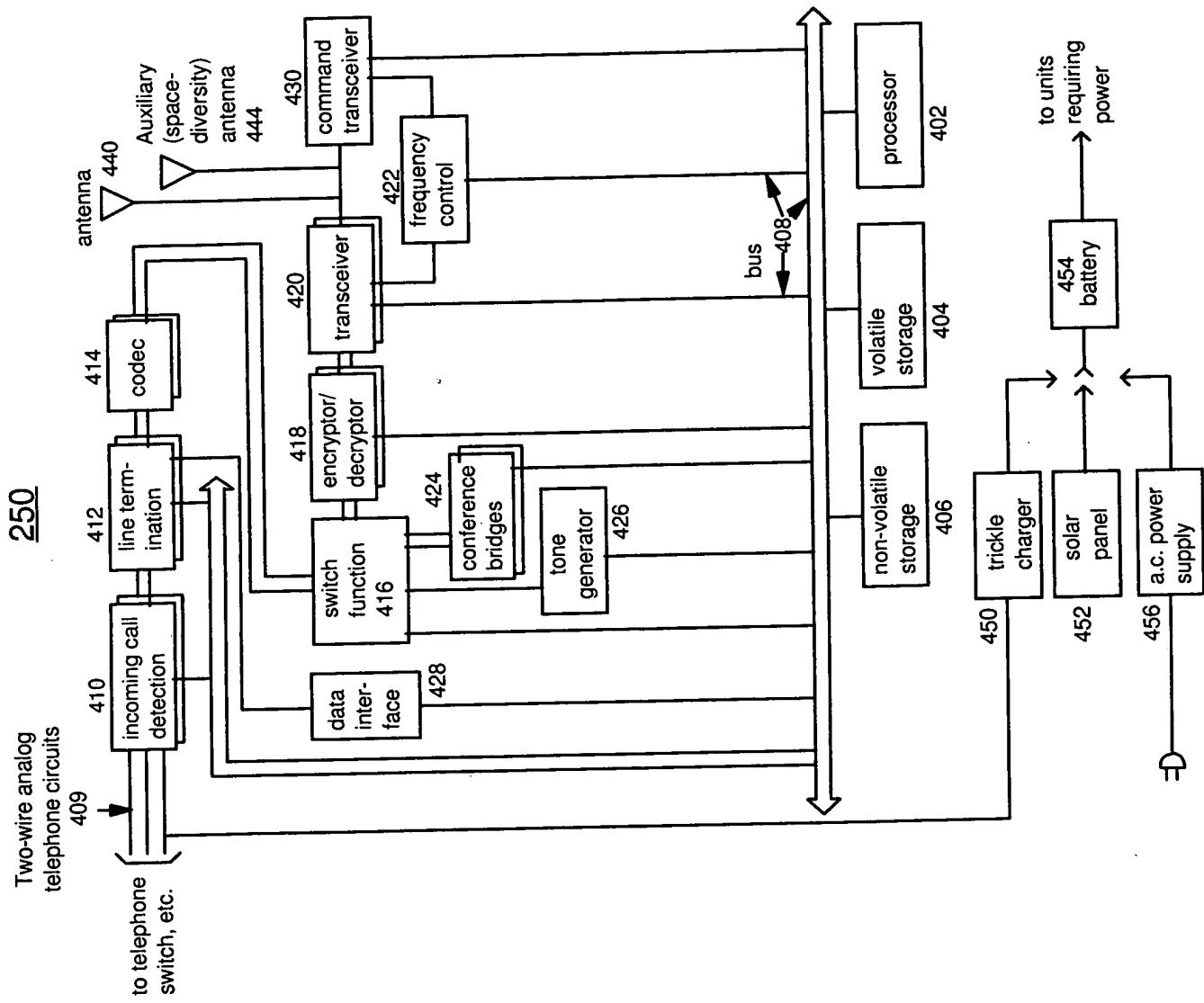


Figure 5. Wireless communications device

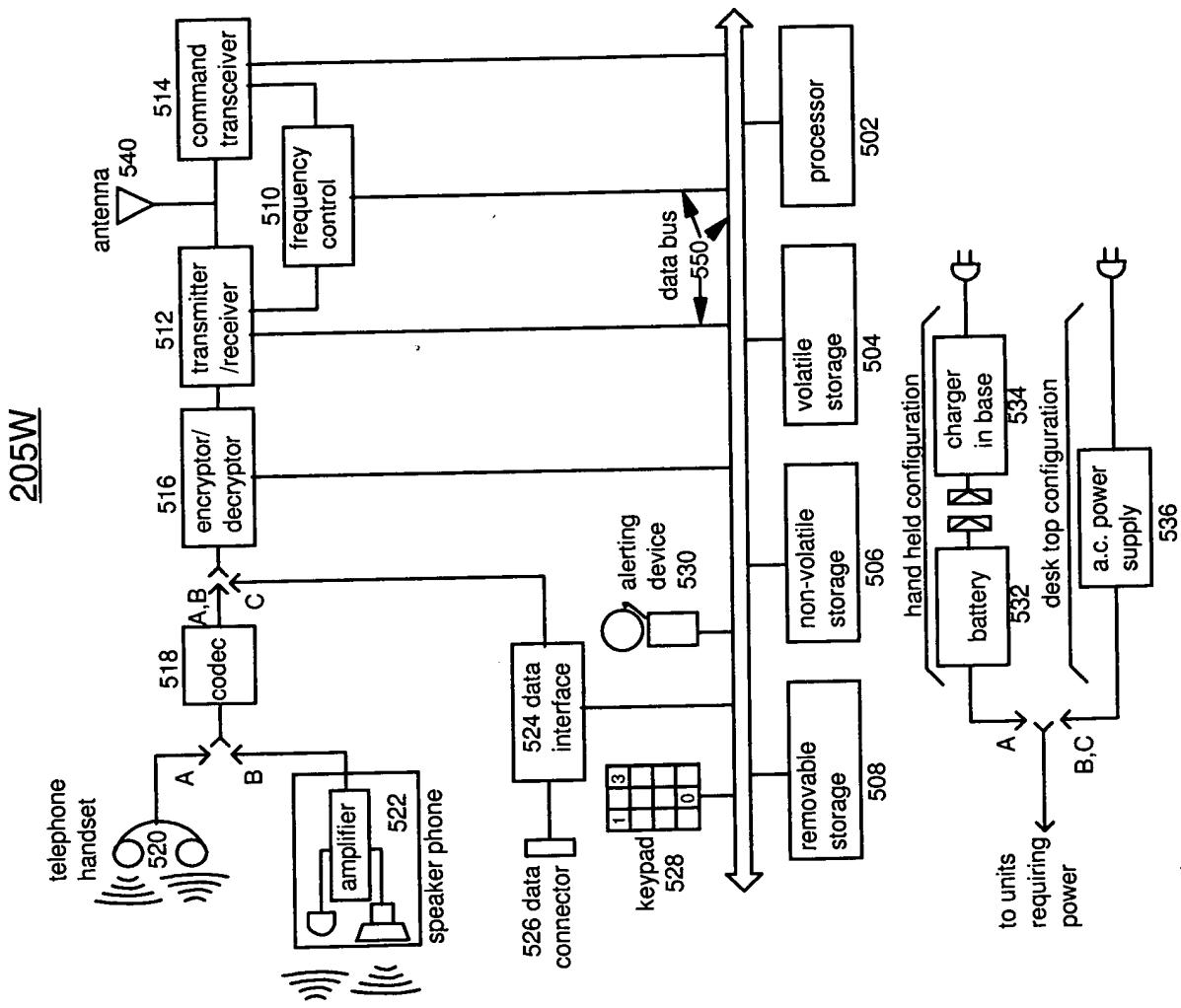


Fig 6. Configuration & update of Network Node

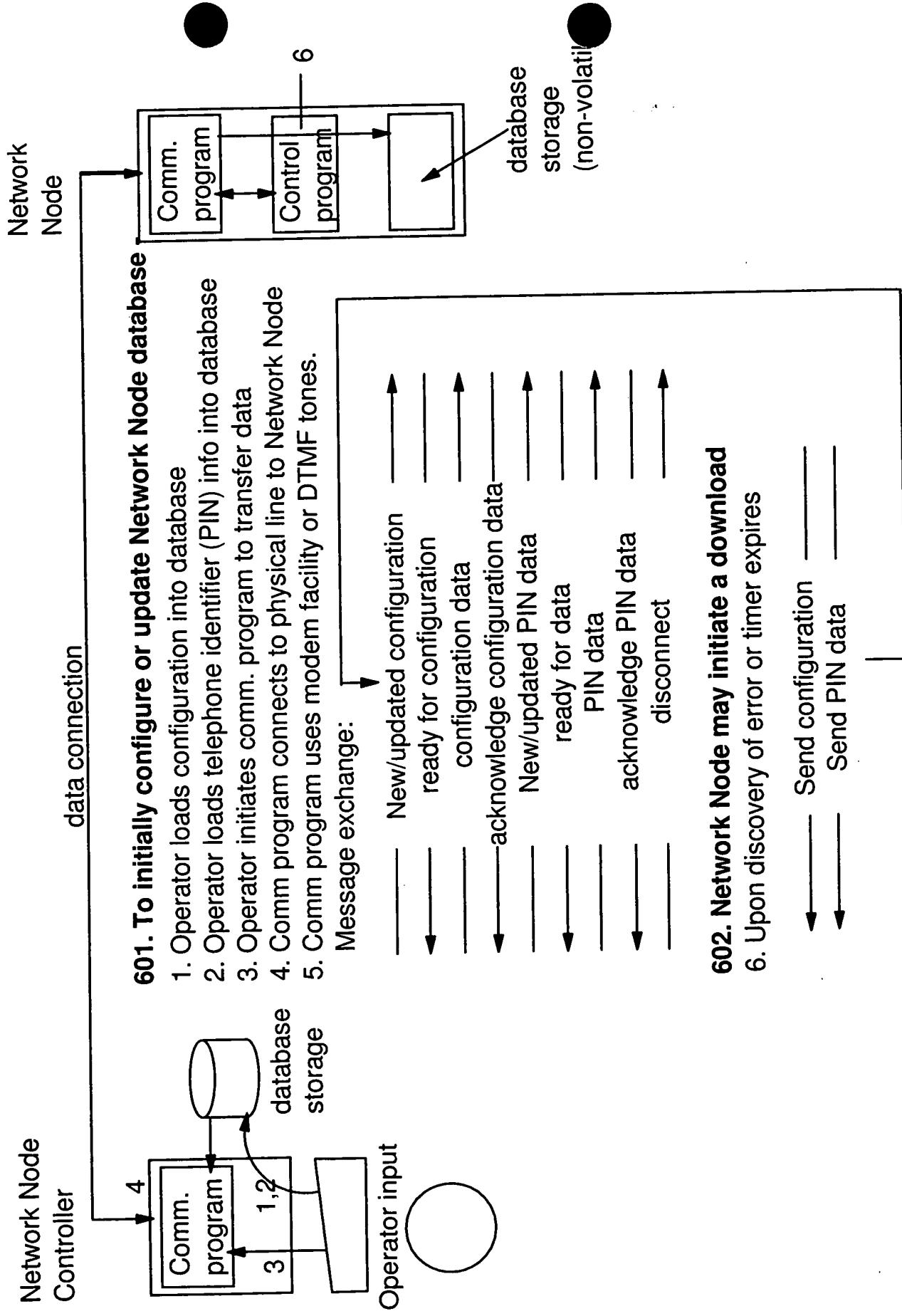


Fig 7. Alarm & Traffic reporting to Network Node Controller

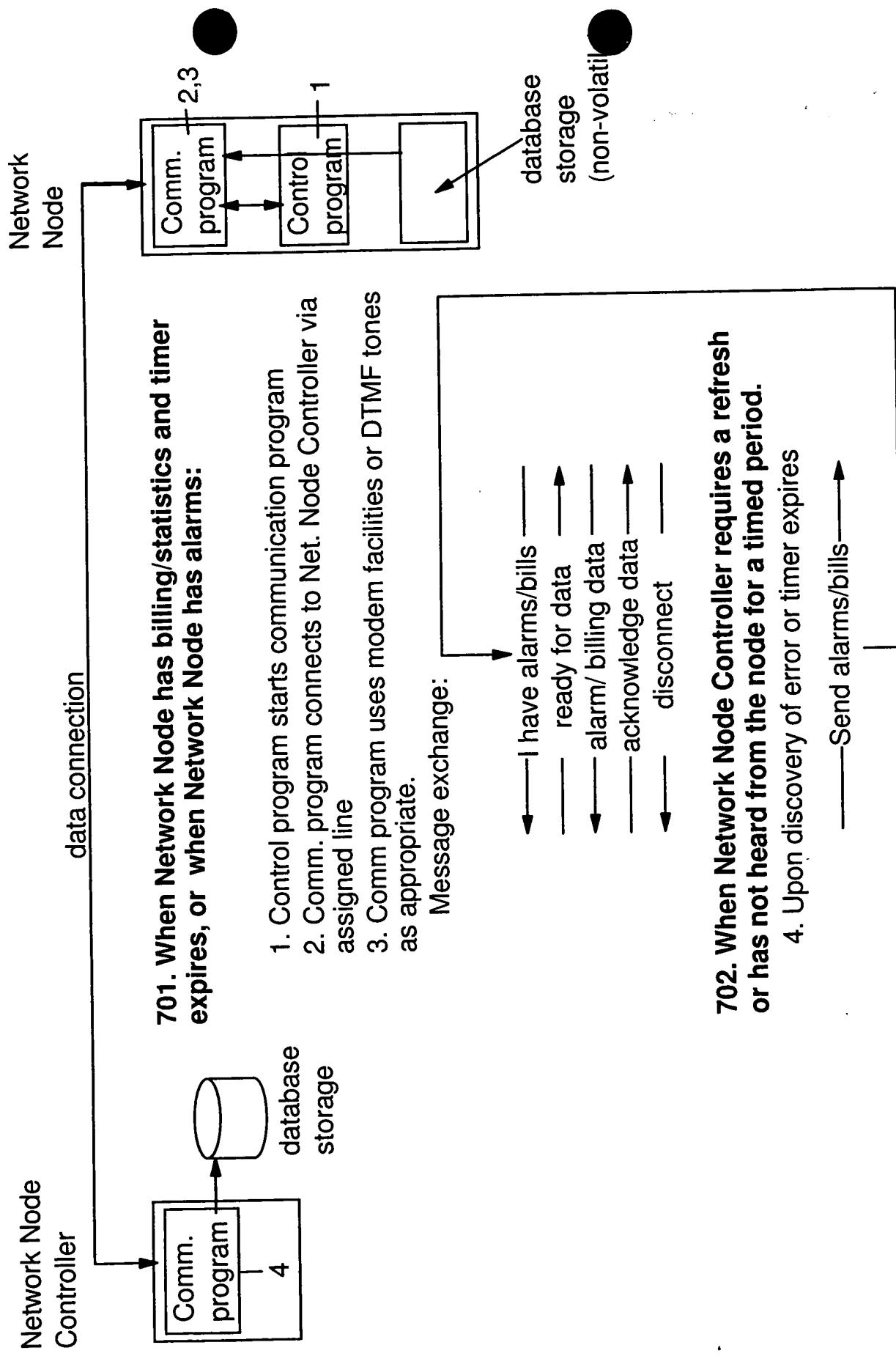


Figure 8. Initial setup - Network Node and Wireless Communication Device

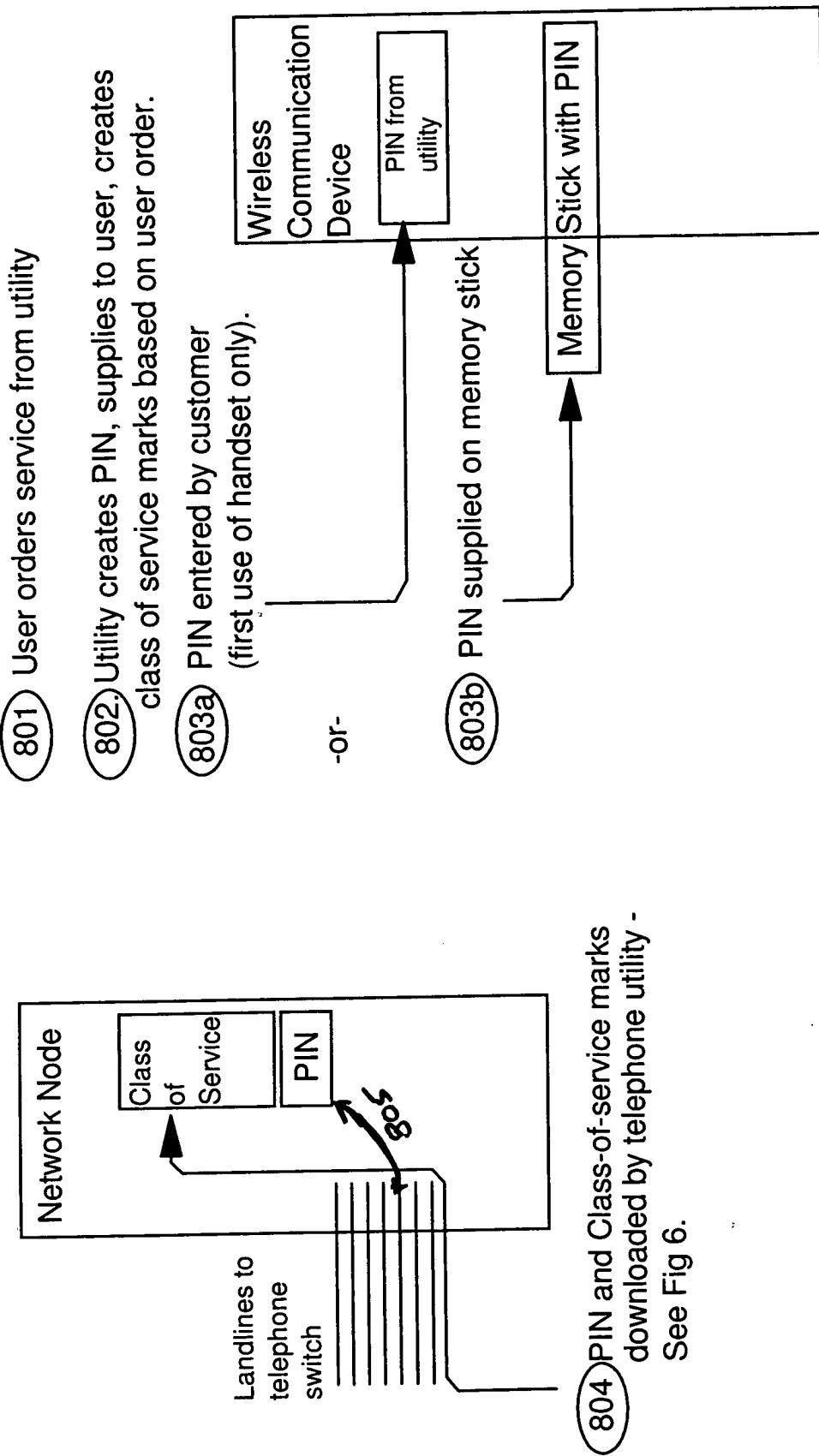


Figure 9. Connection process - Wireless Comm. Device to Network Node

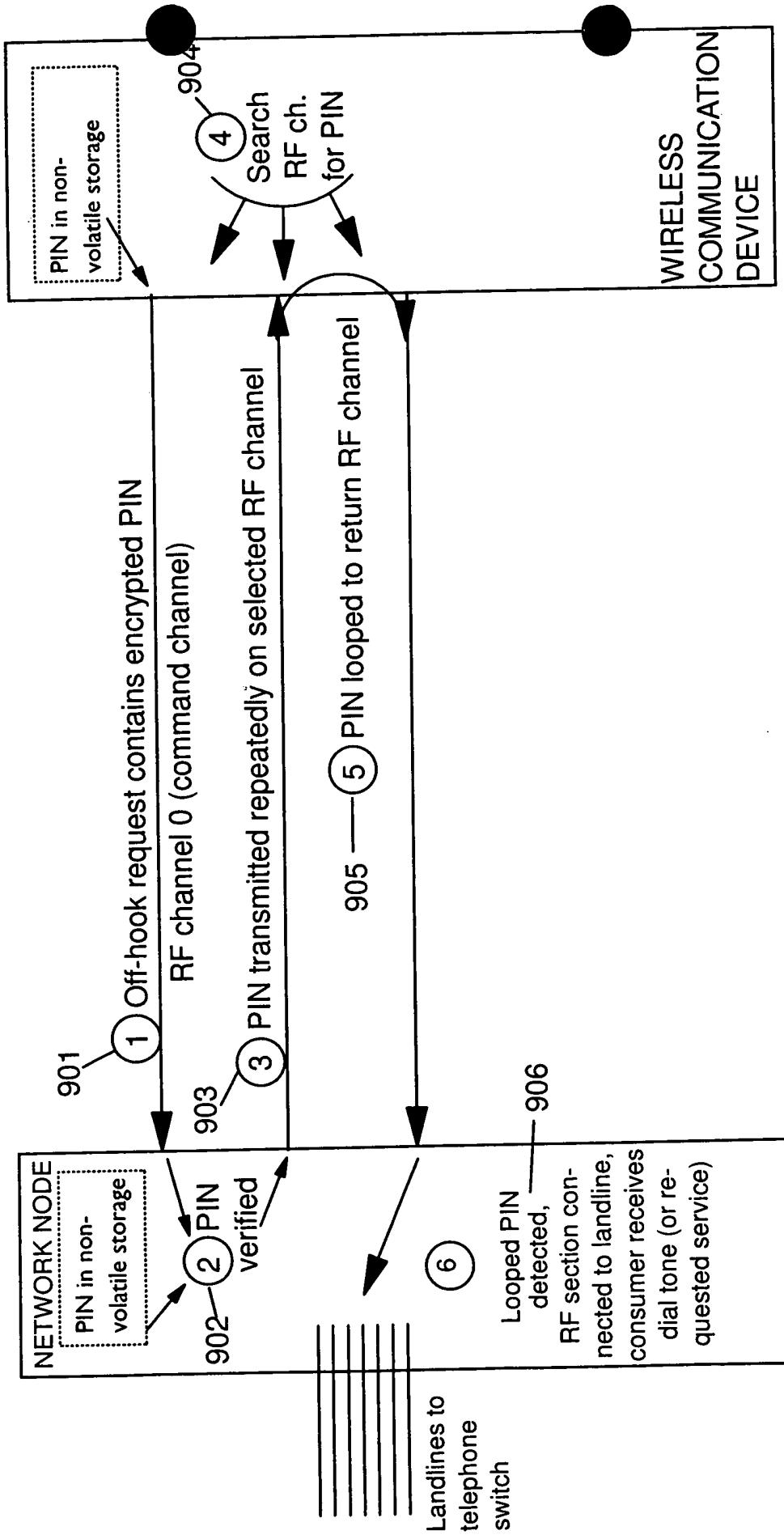


Figure 10

Connection process -Network node to Wireless Communication Devices

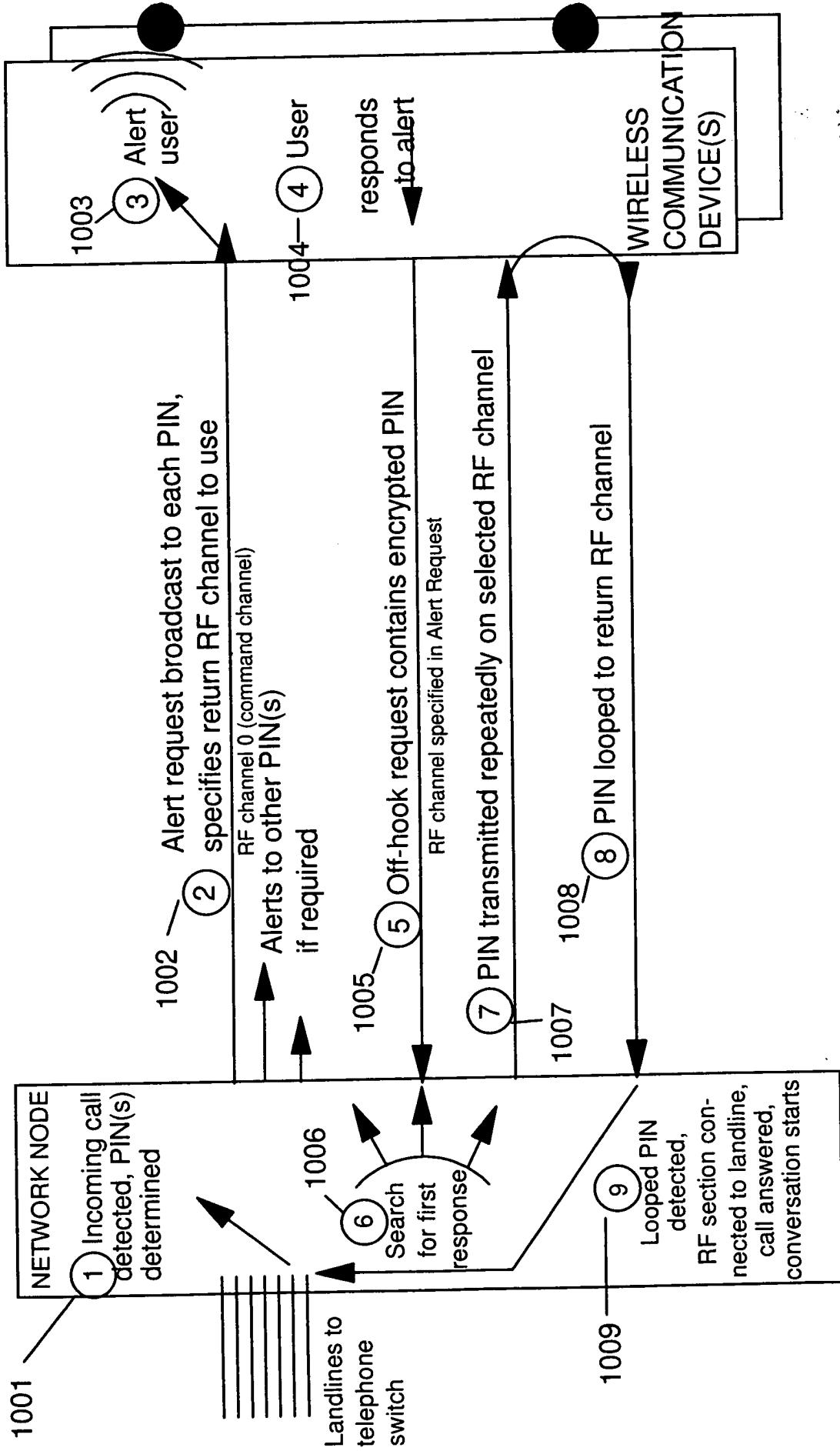


Fig. 11

Class of service table showing association of services to PIN #

PIN #	First/only dedicated line # incoming/outgoing/both (additional dedicated line #, etc.)
Last dedicated line #	incoming/outgoing/both
Privacy feature allowed	
Privacy feature during call	
Privacy disconnect allowed	
Privacy disconnect priority	
Bridging allowed	
Shared outgoing service allowed	
Shared outgoing service max lines	
Shared outgoing service access priority	
Shared outgoing service pre-empt priority	
Shared incoming line access number	
Shared incoming service max lines	
Call waiting notify never/always/newest/oldest	
Camp-on allowed	
Joint allowed	

Fig. 12
Association of dedicated and shared line(s) to PIN #s

	Incoming entity	Priority	PIN assignment
1201	Dedicated line 1		PIN xxxx
1202	Dedicated line 2		PIN aaaa; PIN yyyy, PIN zzzz; etc.

1203	Dedicated line N		PIN xxxx; (PIN yyyy; PIN zzzz; etc.)
	Shared 1 Incoming code xxxx	p	PIN bbbb
	Incoming code yyyy	p	PIN cccc
	Incoming code zzzz	p	PIN dddd

1204	Shared 2 Incoming code xxxx	p	PIN bbbb
	Incoming code bbbb	p	PIN eeee

	Shared N Incoming code 1111	p	PIN mmmm; (PIN yyyy; PIN zzzz; etc.)
	Incoming code 2222	p	PIN nnnn; (PIN yyyy, PIN zzzz; etc.)

Fig 13. *Phaeomyces* sp. from *Phragmites* (part)

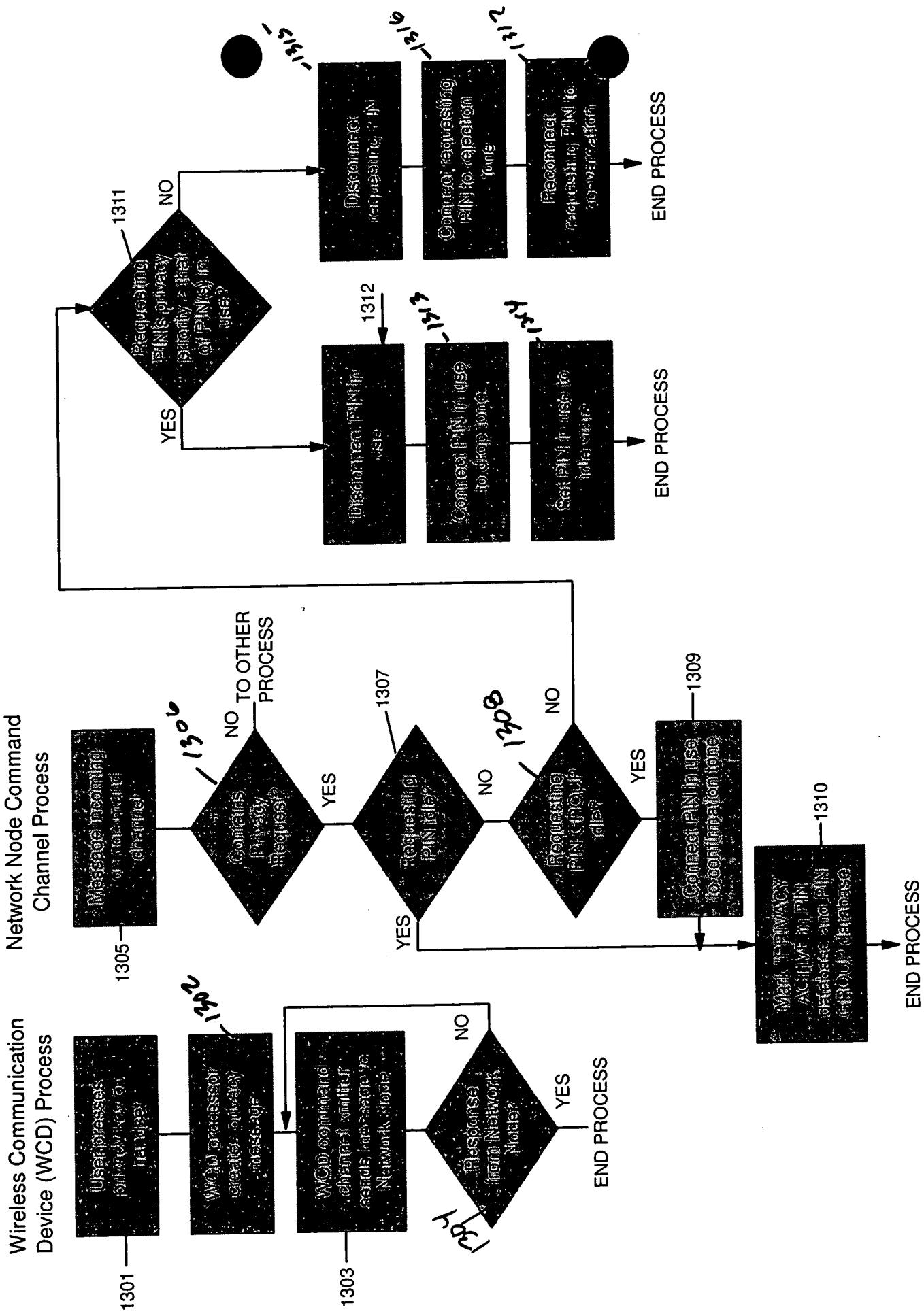


Fig 14. Privacy process chart - part 2

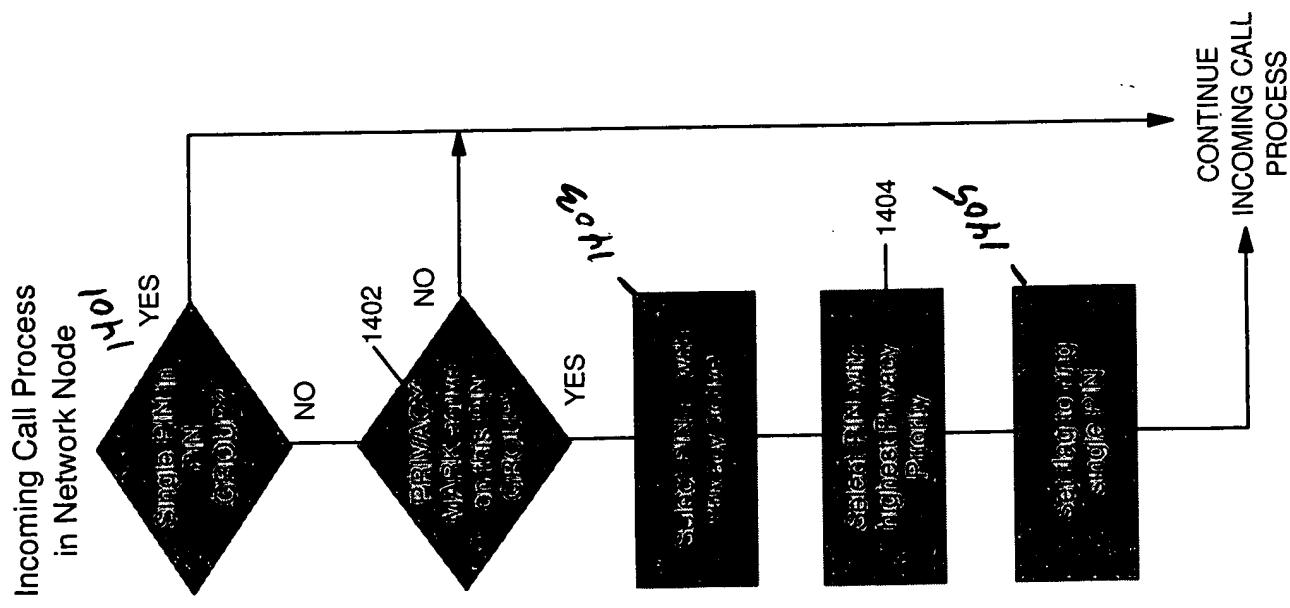


Fig 15. Outgoing Call Process in Network Node

